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Overview of project results

European Parliament - Brussels

AUTHORS:

CIRAN Consortium partners

DATE:

13 October 2025



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WP2 – Capturing and Assessing Good Practice

AUTHORS:

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DATE:

13 October 2025



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WP2 Capturing and Assessing Good Practice - Objectives

- To define background contexts and understand the specific conditions, processes and technologies that enabled the extraction of mineral resources located under, in or near environmentally protected areas, and metrics to gauge good practice in permitting and monitoring of mining activities.
- To illustrate the benefits of systemic and integrated permitting procedures.

Case studies



1. Nussir ASA
2. AA Sakatti Mining Oy
3. Rompas- Rajapaalot
4. Regional case
5. Våmb quarry, Cementa Skövde
6. Blackstairs Lithium
7. Redmoor
8. Hamerdon Tungsten
9. Emili – Beauvoir
10. Mittersill
11. Monte Tondo
12. Barruecopardo
13. Serra Candeeiros
14. Neves Corvo

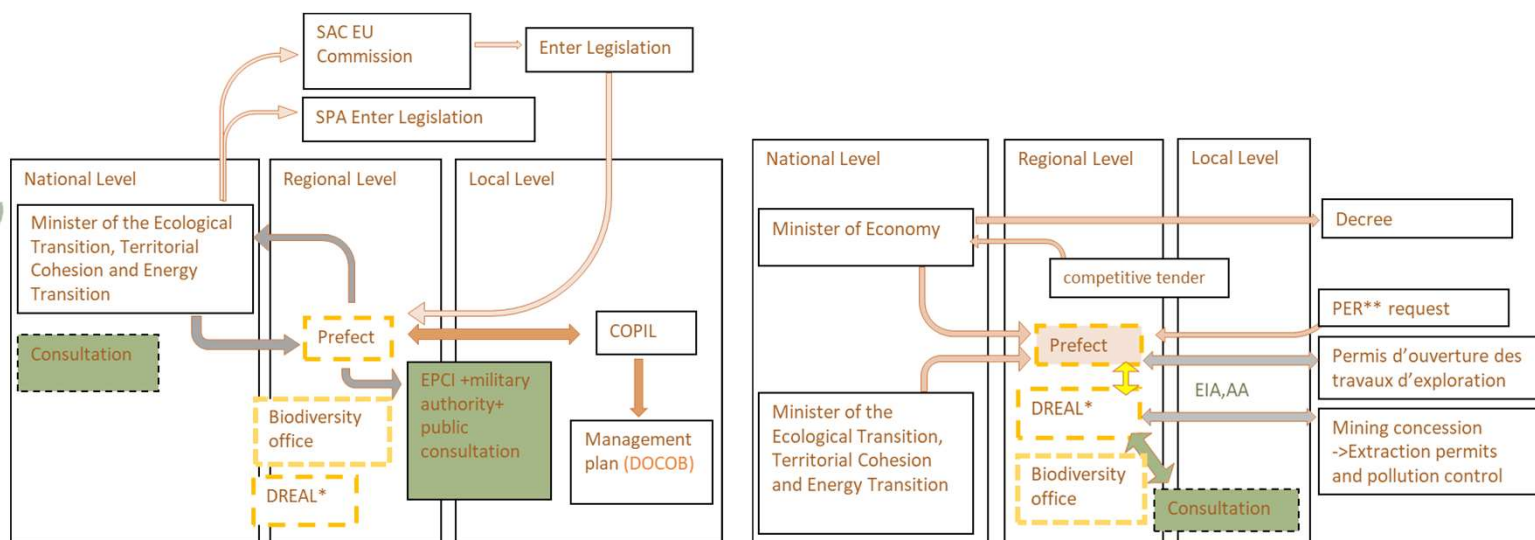
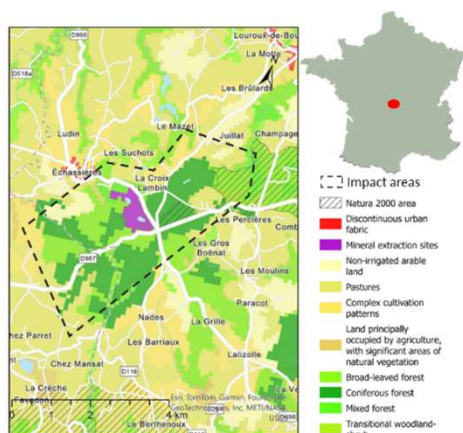
Protected areas Natura 2000, UNESCO, Other level of protection and denomination + Reindeer herders areas, Sami Areas in Nordic countries

Case Study Analysis

- **Context:** General overview and background
- **Regulation:** Environmental, land use, and mining frameworks
- **Protected Areas:** Definitions and interaction with extraction
- **Operations:** Company activities, solutions, and strategies

Schemes of governance, permitting processes, Natura 2000 area denomination, all have been created for each case

Example- France-Emili



Good practices and enablers have been highlighted for each case

Outcomes





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WP3 – Nexus of Societal Vulnerabilities

Assessment of Regulatory Instruments and Mapping of Conflicts

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DATE:

13 October 2025



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WP3 Nexus of Societal Vulnerabilities - Overview



Deliverable for Task D3.1 -
Fitness-for-Purpose
Assessment of Regulatory
Frameworks



D3.2 Sensitivity maps of
potential conflicts over
natural resources usage



D3.3 Nexus of policy
decisions and drivers of
change



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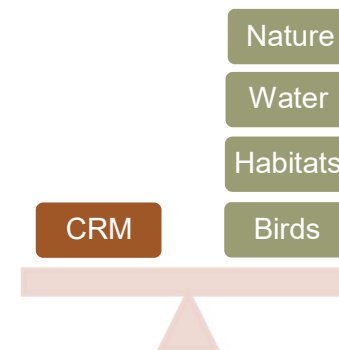
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Key Results and Findings – D3.1

- Currently a **broadly balanced approach to mining and environmental protection**.
- Some countries **moderately favour** environmental protection.
- Key challenges and different policy objectives going forward:
 - Need for increased extraction of critical raw materials under the **CRMA**
 - Expansion of environmentally protected areas under the **Nature Restoration**

Law

- How to balance competing policy objectives?



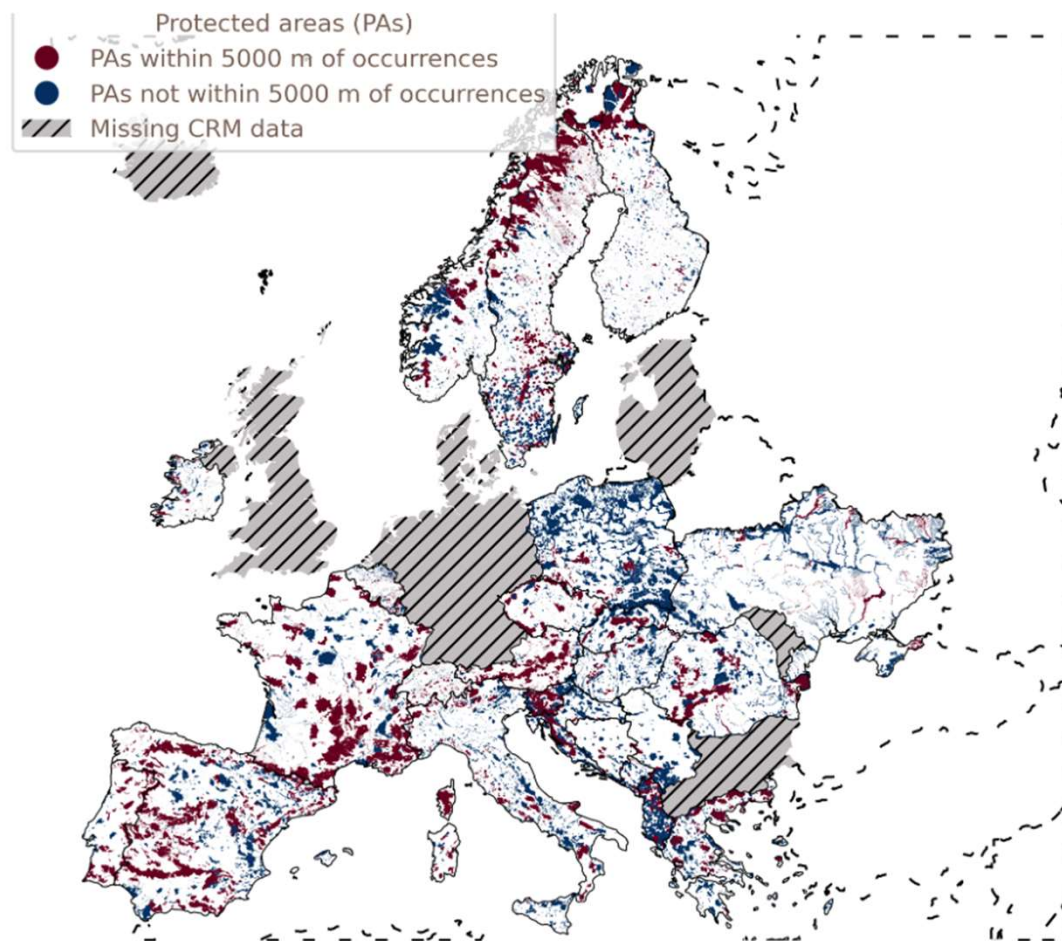
Key Results and Findings – D3.1

Thematic issues that were identified:

- Resources identification, spatial planning and designation
- Streamlining administrative procedures
- Stakeholder engagement and societal acceptability
- IT, spatial data, reporting and expertise

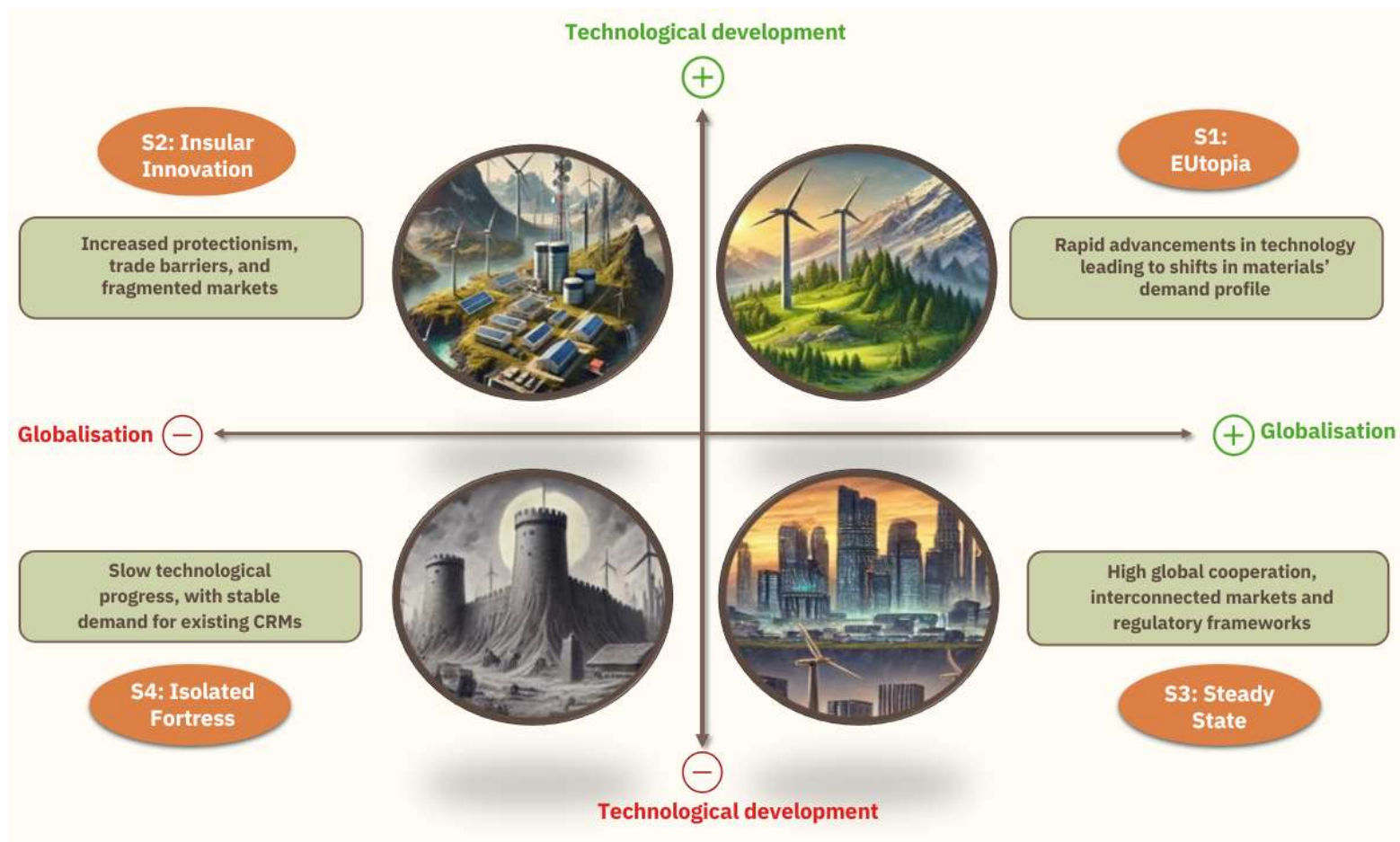
Key Results and Findings – D3.2

CRM occurrences in Europe are often in close proximity to protected areas. **Approx. 85% of CRM occurrences are less than 5 km from the nearest protected area.**



Key Results and Findings – D3.3

CIRAN Scenarios for 2035, in Lopes, Luis; Robert-Campos, Helena; Konrat-Martins, Marco (2024). Nexus of policy decisions and drivers of change (2024).





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WP5 – Community Engagement

Insights from Public Consultation

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Understanding the Narratives in Public Debate in Italy, Portugal, France, Czech Republic and Slovakia

NOVELTIES in the narratives

- Europe is facing a **threat to its pillars**.
- Need to go beyond older techniques and strategies.
- **Limited timeframe** to implement the transition processes.

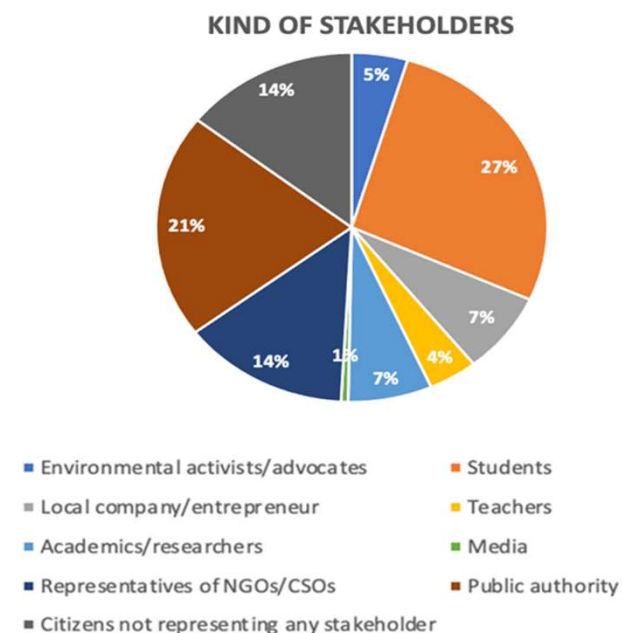
PATTERNS in the narratives

- Environmentalist movements face internal **contradictions**.
- Fear of change is politicised.
- Public **disillusionment** with Europe's trajectory.

Resulting deliverable: **D5.1 Understanding the Narratives in Public Debate**
(Rosendo, Luis; et al., 2023)

Engagement and dialogue for knowledge co-creation: an overview of the results

- 12 public engagement activities in 6 communities in:
Italy – Czech Republic – Portugal – Slovakia – France – Ireland
- 6 focus groups and 6 public dialogues
- **173 participants**, most of them being men (99 out of 173, representing the 57%)
- 27% students, 21% representing public authorities, 14% NGOs/CSOs, 14% citizens without affiliation



Resulting deliverable: **D5.2 Guidelines for public engagement and dialogue**
(Cescon, M.; Robert-Campos, H. et al., 2025)

Findings from Focus Groups

- Strong **mistrust in government.**
- Urgent need to **prevent environmental degradation.**
- Importance of **balancing environmental protection with economic development.**
- Need for early, genuine, and **inclusive public participation in decision-making processes.**



Findings in **D5.2 Guidelines for public engagement and dialogue**
(Cescon, M.; Robert-Campos, H. et al., 2025)

Findings from Public Dialogues

- **Strong commonalities** in citizen's views.
- Demand for transitioning to **circular economies** and more **sustainable lifestyles**.
- Mining in **protected areas** to be considered **only under strict conditions**.
- Greater investment in **public education, community engagement, and innovative solutions**.



Findings in **D5.2 Guidelines for public engagement and dialogue**
(Cescon, M.; Robert-Campos, H. et al., 2025)



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WP6 – Towards efficient, effective, efficacious and equitable policymaking

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CRM Supply Chain Gaps

- Heavy dependence on imports
- Bureaucratic fragmentation and under-resourced authorities
- Social resistance caused by poor engagement and lack of trust
- Missing “social resource contracts”, weak community and stakeholder commitment
- Policy fragmentation prevents adequate regulatory responses
- Knowledge and capability gaps
- Defense Implications

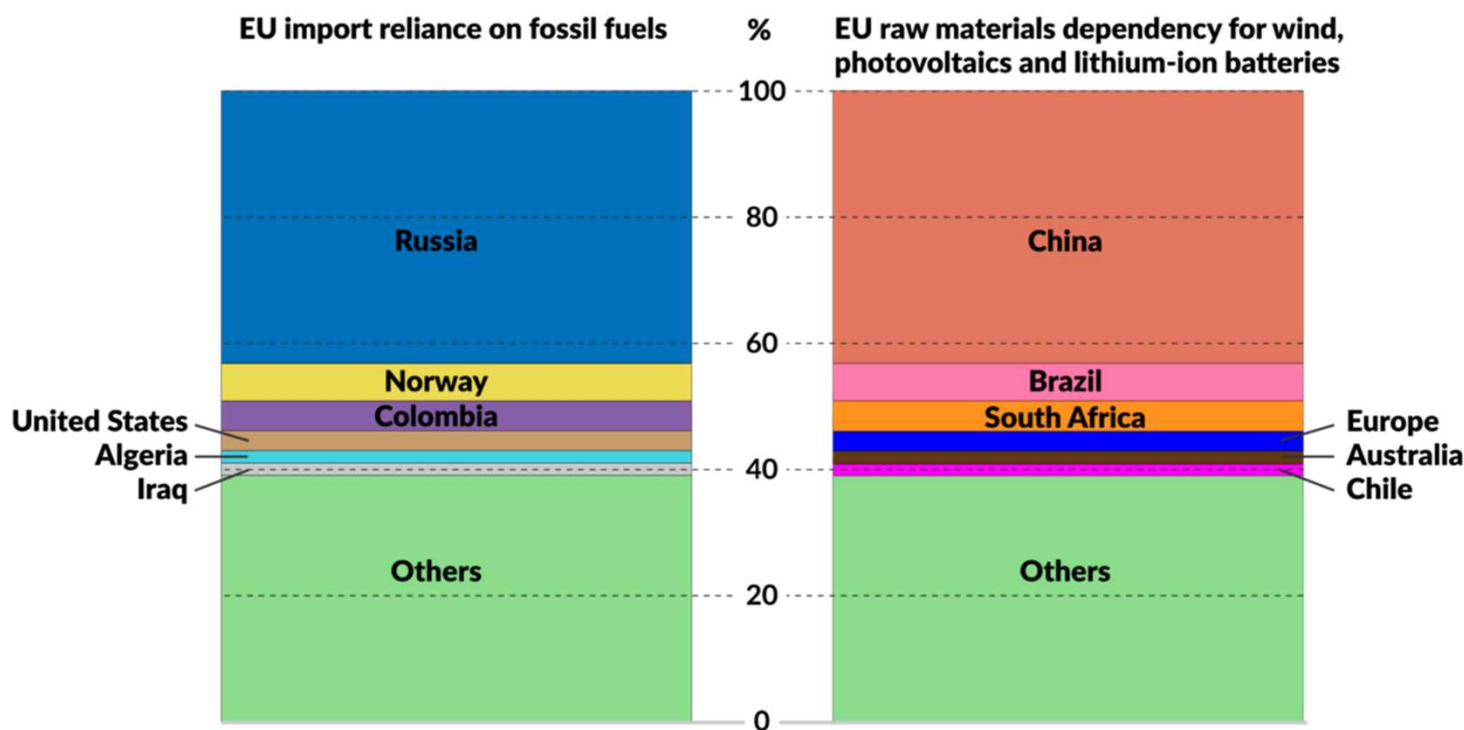
Flexible with, not break, at vulnerability points

I just changed my mind....

European version - **I change for a good pragmatic reason, focused on self-reliance**

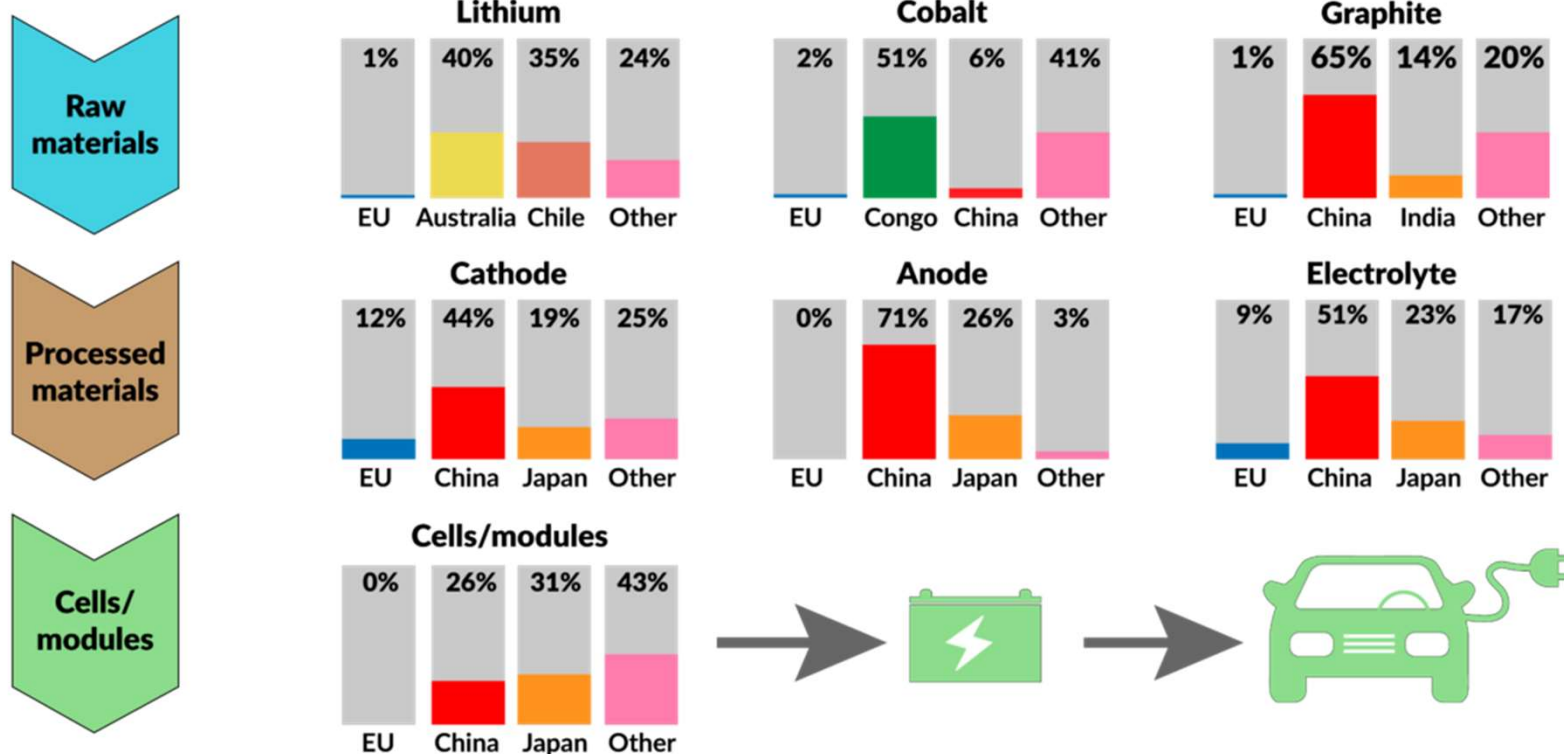
“Competition policy should continue to adapt to changes in the economy so that it does not become a barrier”, Mario Draghi

Vulnerabilities for zero-emission power



Source: <https://www.gisreportsonline.com/r/critical-raw-materials/>

Vulnerabilities for zero-emission power



Source: <https://www.gisreportsonline.com/r/critical-raw-materials/>

Integrated layers of protection, all resources

- Resource Vulnerability
- Integrated Resource Management of primary and secondary resources
- Energy & Emissions minimisation
- Resource Use Efficiency improvement
- Behavioural Change with a thrifting and solidarity focus
- Investment Anchor Policies facilitating capital allocations
- Social Resource Contracts based on common core principles and value chains
- Investment Tools towards a negotiated win/win equilibrium using product passports based on traceability



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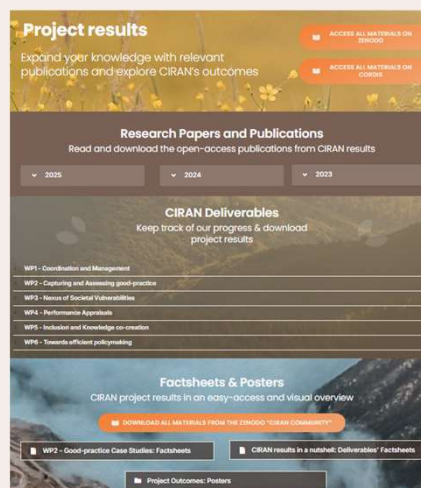
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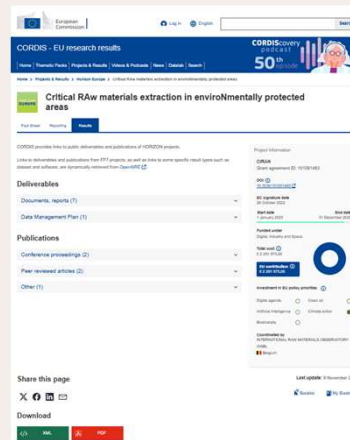
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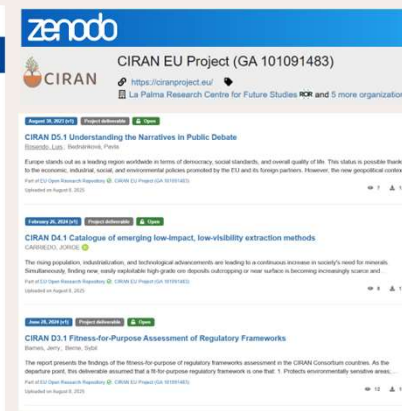
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